

Size: 5,252 acres
Mission: Maintained and repaired ships and provided logistical support for assigned ship and service craft
HRS Score: NA
IAG Status: Federal Facility Agreement signed in September 1992
Contaminants: Heavy metals, VOCs, PCBs, pesticides, petroleum hydrocarbons, lead oxides, and unexploded ordnance
Media Affected: Groundwater, surface water, sediment, and soil
Funding to Date: \$51.2 million
Estimated Cost to Completion (Completion Year): \$84.5 million (FY2007)
Final Remedy in Place or Response Complete Date for BRAC Sites: FY2005



Vallejo, California

Restoration Background

In July 1993, the BRAC Commission recommended closure of Mare Island Naval Shipyard and relocation of the Combat Systems Technical School's Command Activity to Dam Neck, Virginia. The installation closed on April 1, 1996.

Environmental studies since FY80 have identified 28 sites and 20 solid waste management units (SWMUs) at this installation. Sites 1 through 24 were divided into three operable units (OUs) on the basis of the type or location of the contamination and other available information.

The installation completed a Preliminary Assessment (PA) for 15 sites in FY83. In FY88, it completed a Site Inspection (SI) for one site and initiated Remedial Investigations and Feasibility Studies for 23 sites. In FY90, the installation completed an initial site characterization (ISC) for one underground storage tank (UST) site. In FY91, SIs were completed for 12 sites and PA/SIs were completed for 6 sites. In FY93, the installation completed Interim Remedial Actions (IRAs) for six UST sites and one other site. In FY94, ISCs were completed for seven UST sites and Removal Actions were completed for two sites. The installation also completed a land reuse plan, which includes an open recreational area, offices and light industrial areas, residences, heavy industrial areas, historic districts, and neighborhood centers.

In FY95, the installation initiated Removal Actions for five sites and completed a Removal Action for one site. It also began to develop corrective action plans for eight UST sites and completed an Environmental Baseline Survey, which designated 500 acres as CERFA-clean.

During FY96, the installation's BRAC cleanup team (BCT), which formed in FY94, completed a Removal Action for one site, began Removal Actions for two sites and a no further action (NFA) Record of Decision for one site, and completed Removal Actions for three sites and the Defense Reutilization and Marketing Office scrap yard. The BCT negotiated a Memorandum of Understanding (MOU) with the City of Vallejo, the U.S. Fish and Wildlife Service, and the Navy. The MOU outlined requirements for the cleanup program and a Habitat Conservation Plan.

In FY97, a Removal Action was initiated for one site. USTs were removed from sites, which then required NFA. The installation also instituted a thermal desorption demonstration project for polychlorinated biphenyls (PCBs) and used accelerated fieldwork techniques, such as magnetometer, geometrics, geoprobe, and an on-site field laboratory.

The installation formed a technical review committee in FY90 and converted it to a Restoration Advisory Board in FY94. An administrative record and an information repository were established in FY90. The installation completed its community relations plan in FY92 and updated it in FY94.

FY98 Restoration Progress

The installation completed removal actions at Site 5 and 8. Removal Actions were started at Sites 16 B-4 and 17 and SWMUs 52 and 54. All USTs were removed or closed in place. The installation also removed 43,000 lineal feet of fuel line. All radiological work was completed and approved by the regulatory agencies.

Plan of Action

- Complete Removal Action at Sites 13, 16 B-4, and 17 in FY99
- Complete removal of all onshore UXO in FY99
- Complete PCB remediation program in FY99
- Receive regulatory approval for closure of 50 USTs in FY99
- Complete field sampling for 20 SWMUs in FY99
- Transfer Investigative Area E and Roosevelt Terrace in FY99

SITES ACHIEVING RIP OR RC PER FISCAL YEAR

